

B¹ Cath
moving the tip relative to the tubular body to achieve the desired configuration
between the tip and the tubular body;
halting the exposure of the select external stimulus to the tubular body whereby
the tubular body returns to its original size; and
implanting the catheter in the patient.

B²
Claim 55 (Once Amended). A method of manufacturing and implanting a
catheter of customized configuration comprising the steps of:
a) forming a first tubular portion of a relatively impermeable material, the first tubular
portion formed having a lumen with a diameter;
b) forming second tubular portion of a porous material;
c) partially disposing the second tubular portion within the lumen;
d) adjusting the length of the second tubular portion to conform to the dimensions of a
selected site in an hippocampus or lateral ventricle of an individual patient; [and]
e) establishing a near zero tolerance fit between the overlap of the second tubular portion
and the first tubular portion; and
f) implanting the catheter for delivery of a therapeutic agent to the hippocampus or lateral
ventricle.

B³
65. (New) The method of claim 55 further comprising delivering a
therapeutic agent with the catheter to treat Alzheimer's disease.

REMARKS

1. Drawings

The drawings were objected to under 37 C.F.R. 1.83(a) because they failed to show element 11 (lateral ventricle). A marked up copy of figures 2A and 2B showing lateral ventricle 11 is attached for the Examiner's consideration.

With respect to hippocampus 18, figures 1, 3, 4 and 8 show the surface of the brain with a cut-away view of hippocampus 18. The shape illustrates the cut-away portion, the far surface of which is the hippocampus. The shape does not correspond to the shape of the hippocampus.